MODIS SCIENCE TEAM MEETING
July 22-24, 2002
Agenda

Monday, July 22, 2002
8:30 A.M. to 10:30 A.M. **MODIS Characterization Support Team (MCST) Meeting**
1:00 P.M. to 5:30 P.M. **Atmosphere Discipline Group Meeting**
10:30 A.M. to 5:30 P.M. **Land Discipline Group Meeting**
10:30 A.M. to 5:00 P.M. **Ocean Discipline Group Meeting**

Tuesday, July 23, 2002
8:00 A.M. **Objectives of Meeting and Status Overview** --- V. Salomonson
8:10 A.M. **Terra Status**--J. Ranson
8:25 A.M. **Aqua Status** ---C. Parkinson
8:40 A.M. **Aqua/Terra MODIS Instrument Status** ---B. Barnes/J. Xiong
8:55 A.M. **Calibration and Cross-calibration of MODIS using Railroad Valley** -----------------------------K. Thome
9:10 A.M. **Direct Broadcast MODIS Atmosphere Products at UW-Madison**----------------------------------L. Gumley
9:25 A.M. **NPP VIIRS Status** -- R. Murphy
9:45 A.M. **NOAA's Plans for Near Real Time Data** ---B. Ramsay
10:00 A.M. **Break**

Atmosphere Products Validation and Status
10:20 A.M. **Global Distribution of High Clouds - MODIS compared to HIRS**----------------------------------P. Menzel
10:40 A.M. **MODIS Polar Water Winds Impact on NWP** --- J. Key
11:00 A.M. **MODIS Near-IR Water Vapor Algorithm and Cirrus Reflectance Algorithm Status**-------------- B. Gao
11:20 A.M. **Comparison of MODIS and Model Global Aerosol--A Movie of One Year Data** --------------Y. Kaufman
11:40 A.M. **Revision of the Aerosol Algorithm for Absorption and Nonsphericity & Validation for the 2001**
             Data Set---D. Tanre, L. Remer
12:00 P.M. **Microphysical Properties of Clouds** --- B. Baum
12:20 P.M. **Atmosphere Discipline Summary** --P. Menzel
12:35 P.M. **Lunch**

Ocean Validation and Status
1:35 P.M. **Ocean Primary Productivity Status**..W. Esaias
1:55 P.M. **Estimating Chlorophyll Concentrations using MODIS Fluorescence: A Preliminary**
             Evaluation in Coastal Waters -- M. Abbott, R. Letelier
2:15 P.M. **Continuing Validation of Terra-MODIS Phytoplankton Chlorophyll**
             Fluorescence Line Height (FLH) Product: New Airborne Laser Results------------ F. Hoge, P. Lyon
2:35 P.M. **An Algorithm for Coastal Water and its Implementation into the MODIS Processing Stream**
             ---H. Gordon
2:55 P.M. **Break**
3:15 P.M. **Comparison of MODIS and SeaWiFS Chlorophyll Products: Collection 4 Results**-----------J. Campbell
3:35 P.M. **Performance of MODIS Semi-Analytic Ocean Color Algorithms: Chlorophyll a**
             Absorption Coefficients, and Absorbed Radiation by Phytoplankton ----------------------- K. Carder
3:55 P.M. **MODIS Bio-optical Data Product Status** --- D. Clark
4:15 P.M. **Current Status of the Terra MODIS Sea-surface Temperature Measurements**------------R. Evans, et. al.
4:35 P.M. **Current status of the Terra MODIS Visible Water Leaving Radiance Measurements** ---R. Evans, et. al.
4:55 P.M. **Coccolith-Calcite Concentration Validation and Status** ---B. Balch
5:15 P.M. **Ocean Discipline Summary** ---W. Esaias

Wednesday, July 24, 2002

Land Products Validation and Status

8:00 A.M. **MODIS Fire Validation and Status Report and Rapid Response Update** -------------------------- C. Justice

8:20 A.M. **IDS Degraded Data Set** -- E. Vermote

8:35 A.M. **Surface Reflectance Product Status and Validation** -- E. Vermote

8:55 A.M. **Snow Cover and Sea Ice Status** --- D. Hall

9:15 A.M. **New Land Cover and Land Cover Change Products using MODIS Data** --------------------- J. Townshend

9:35 A.M. **Validation of MODIS Cloud Products through an Inter-comparison with MISR, GOES and Ground-based Radar/Lidar** --- C. Naud

9:55 A.M. **Break**

10:15 A.M. **Seasonal Variability Studies Across the Amazon Basin with MODIS Vegetation Indices** -------- A. Huete

10:35 A.M. **Status of the MODIS Land-Surface Temperature/Emissivity Product: New Validations and Improvements** -- Z. Wan, S. Hook

10:55 A.M. **MODIS LAI and FPAR Products: An Update on Status and Validation** ------------------------- R. Myneni

11:15 A.M. **The MODIS BRDF/Albedo Product: Evaluation, Validation, and Applications** ------------------ C. Schaaf

11:35 A.M. **The MODIS Land Cover/Land Dynamics Product: Status and Validation** --------------------- A. Strahler

11:55 A.M. **Validation and Status of Photosynthesis and Net Primary Productivity Products** -------- P. Votava, et. al.

12:15 P.M. **Land Discipline Summary** --- C. Justice

12:30 P.M. **Closed Door Session (Working Lunch)**

Session Discussion/Panel on Accessing MODIS Data Products (Chair, V. Salomonson)

1:30 P.M. **-Use of Subsetting, Data Mining, ESML-Earth Science Markup Language Tools for Scientists** --- S. Graves

   -User Services Experiences

1:50 P.M. **GSFC DAAC** --- G. Serafino

2:00 P.M. **EDC DAAC** --- J. Dwyer

2:10 P.M. **NSIDC DAAC** -- M. Kaminski

2:20 P.M. **Break**

   -Representative Science Users Experiences

2:40 P.M. **Land** --- D. Hall

2:50 P.M. **Atmospheres** --- B. Ridgway

3:00 P.M. **Oceans** --- T. Moore

3:10 P.M. **-EOSDIS Plans to Improve Data Product Access and Delivery** ------------------------------------ M. Moore

3:20 P.M. **-Discussion**

Adjournment: As appropriate